

AGENDA

FY15 Carbon Storage Peer Review March 2 – 6, 2015 Sheraton Station Square Pittsburgh, PA

Monday, March 02, 2015 – Ellwood Room

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| 7:00 – 8:00 a.m. | Registration – 2nd Floor Foyer |
| 8:00 – 8:45 a.m. | Peer Review Panel Kick-Off Meeting
<u>Open to Fossil Energy (FE), National Energy Technology Laboratory (NETL), and International Energy Agency Greenhouse Gas Research and Development (IEAGHG) staff only</u> <ul style="list-style-type: none">- NETL and IEAGHG Welcome- Role of Panel Chair- Peer Review Process Overview- Meeting Logistics |
| 8:45 – 9:15 a.m. | Technology Manager/Office of Performance & Benefits (OPPB) and Panel Q&A <u>Open to FE, NETL, and IEAGHG staff only</u> <ul style="list-style-type: none">- Carbon Storage Technology Manager – Traci Rodosta, NETL- OPPB – Dave Morgan, NETL |
| 9:15 – 9:30 a.m. | BREAK |
| 9:30 – 10:00 a.m. | 01 – Project # FE0012574 - Greenhouse Gas Laser Imaging Tomography Experiment (Green Lite)
<i>Jeremy Dobler - Exelis Inc.</i> |
| 10:00 – 10:30 a.m. | Q&A |
| 10:30 – 12:00 p.m. | Discussion |
| 12:00 – 1:00 p.m. | Lunch (on your own) |
| 1:00 – 1:30 p.m. | 02 – Project # FE0012173 - Surface and Airborne Monitoring Technology for Detecting Geologic Leakage in a CO ₂ -Enhanced Oil Recovery Pilot, Andarko Basin, Texas
<i>Peter Clark - Oklahoma State University</i> |
| 1:30 – 2:00 p.m. | Q&A |
| 2:00 – 3:30 p.m. | Discussion |

Tuesday, March 3, 2015 – Ellwood Room

7:00 – 8:00 a.m.	Registration – 2nd Floor Foyer
8:00 – 8:30 a.m.	03 – Project # FE0012706 - Real-Time In-Situ Carbon Dioxide Monitoring Network for Sensitive Subsurface Areas in Carbon Capture and Storage <i>Jesus Delgado</i> - Intelligent Optical Systems Inc.
8:30 – 9:00 a.m.	Q&A
9:00 – 10:30 a.m.	Discussion
10:30 – 10:45 a.m.	BREAK
10:45 – 11:15 a.m.	04 – Project # FE0012266 - Deep Controlled Source Electro-Magnetic Sensing: A Cost Effective, Long-Term Tool for Sequestration Monitoring <i>Douglas LaBrecque</i> - Multi-Phase Technologies LLC
11:15 – 11:45 a.m.	Q&A
11:45 – 1:15 p.m.	Discussion
1:15 – 2:15 p.m.	Lunch (on your own)
2:15 – 2:45 p.m.	05 – Project # FWP-ORD FY15 T4 Subtask 4.1 - Develop and Demonstrate Monitoring Tools and Protocols for Groundwater Systems <i>Dustin McIntyre</i> - National Energy Technology Laboratory (NETL)
2:45 – 3:15 p.m.	Q&A
3:15 – 4:45 p.m.	Discussion

Wednesday, March 4, 2015 – Ellwood Room

7:00 – 8:00 a.m.	Registration – 2nd Floor Foyer
8:00 – 8:30 a.m.	06 – Project # FE00FWP-ORD-FY-15 T2 Subtask 2.1 - Understanding Relative Permeability, Residual Saturation, and Porosity in Reservoirs to Reduce Uncertainty in Long-Term CO ₂ Storage and Efficiency <i>Dustin Crandall</i> - National Energy Technology Laboratory (NETL)
8:30 – 9:00 a.m.	Q&A
9:00 – 10:30 a.m.	Discussion
10:30 – 10:45 a.m.	BREAK
10:45 – 11:15 a.m.	07 – Project # FE0009301 - Enhanced Analytical Simulation Tool for CO ₂ Storage Capacity Estimation and Uncertainty Quantification <i>Seyyed Hosseini</i> - University of Texas at Austin
11:15 – 11:45 a.m.	Q&A
11:45 – 1:15 p.m.	Discussion
1:15 – 2:15 p.m.	Lunch (on your own)
2:15 – 2:45 p.m.	08 – Project # FEW0174 - CO ₂ Storage in Fractured Carbonate Reservoirs <i>Susan Carroll</i> - Lawrence Livermore National Laboratory (LLNL)

2:45 – 3:15 p.m. Q&A
3:15 – 4:45 p.m. Discussion

Thursday, March 5, 2015 – Ellwood Room

7:00 – 8:00 a.m. Registration – 2nd Floor Foyer

8:00 – 8:30 a.m. **09 – Project # FE0012665** – Scalable Automated, Semi-Permanent Seismic Method for Detecting CO₂ Plume Extent During Geological CO₂ Injection
Charles Gorecki - University of North Dakota

8:30 – 9:00 a.m. Q&A
9:00 – 10:30 a.m. Discussion

10:30 – 10:45 a.m. **BREAK**

10:45 – 11:15 a.m. **10 – Project # FE0009238** - Optimal Model Complexity in Geological Carbon Sequestration: A Response Surface Uncertainty Analysis
Ye Zhang - University of Wyoming

11:15 – 11:45 a.m. Q&A
11:45 – 1:15 p.m. Discussion

1:15 – 2:15 p.m. **Lunch (on your own)**

2:15 – 3:00 p.m. **11 – Project # FE0006821** – Small-Scale Field Test Demonstrating CO₂ Sequestration in Arbuckle Saline Aquifer and by CO₂-EOR at Wellington Field, Sumner County, Kansas
Lynn Watney - University of Kansas Center for Research

3:00 – 3:30 p.m. Q&A
3:30 – 5:00 p.m. Discussion

Friday, March 6, 2015 – Ellwood Room

7:00 – 8:00 a.m. Registration – 2nd Floor Foyer

8:00 – 8:45 a.m. **12 – Project # FE0006827** - Central Appalachian Basin Unconventional (Coal/Organic Shale) Reservoir Small Scale CO₂ Injection Test
Nino Ripepi and Michael Karmis- Virginia Polytechnic Institute and State University

8:45 – 9:15 a.m. Q&A
9:15 – 10:45 a.m. Discussion

10:45 – 11:00 a.m. **BREAK**

11:00 – 12:00 p.m. **Wrap-up Session**